

|      | $t\bar{t}W$    | $t\bar{t}Z$    | $t\bar{t}H$    | WZ             | WW             | $X+\gamma$     | Rares          | Charge misid.  | Nonprompt lep. | SM expected  | Data |
|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------|
| SR1  | $7.7\pm 2.0$   | $2.9\pm 0.8$   | $2.2\pm 0.6$   | $53\pm 14$     | $53\pm 12$     | $47\pm 28$     | $13\pm 7$      | $12.1\pm 1.2$  | $50\pm 30$     | $240\pm 50$  | 314  |
| SR2  | $1.7\pm 0.4$   | $1.07\pm 0.27$ | $1.13\pm 0.30$ | $1.8\pm 0.5$   | $1.8\pm 0.4$   | $3.2\pm 2.7$   | $1.2\pm 0.6$   | $0.64\pm 0.07$ | $8\pm 4$       | $20\pm 5$    | 22   |
| SR3  | $23\pm 6$      | $8.7\pm 2.2$   | $7.1\pm 1.9$   | $5.6\pm 1.6$   | $5.6\pm 1.4$   | $15\pm 8$      | $6.1\pm 3.3$   | $6.5\pm 0.7$   | $63\pm 30$     | $140\pm 31$  | 159  |
| SR4  | $6.3\pm 1.6$   | $3.2\pm 0.8$   | $4.4\pm 1.2$   | $0.29\pm 0.09$ | $0.25\pm 0.08$ | $1.3\pm 0.7$   | $2.0\pm 1.0$   | $0.71\pm 0.08$ | $14\pm 6$      | $32\pm 7$    | 37   |
| SR5  | $17\pm 4$      | $6.1\pm 1.5$   | $5.6\pm 1.6$   | $0.43\pm 0.12$ | $0.39\pm 0.10$ | $3.6\pm 2.3$   | $2.7\pm 1.4$   | $4.5\pm 0.5$   | $14\pm 6$      | $54\pm 8$    | 66   |
| SR6  | $6.0\pm 1.6$   | $3.2\pm 0.8$   | $4.2\pm 1.1$   | $0.10\pm 0.04$ | $0.13\pm 0.03$ | $1.3\pm 0.6$   | $2.0\pm 1.0$   | $0.65\pm 0.07$ | $4.3\pm 2.7$   | $22\pm 4$    | 33   |
| SR7  | $2.4\pm 0.6$   | $1.21\pm 0.30$ | $1.4\pm 0.4$   | $0.07\pm 0.03$ | -              | $0.6\pm 0.4$   | $2.1\pm 1.1$   | $0.51\pm 0.05$ | $1.4\pm 1.4$   | $9.7\pm 2.1$ | 23   |
| SR8  | $0.10\pm 0.05$ | $0.01\pm 0.01$ | $0.02\pm 0.01$ | $0.22\pm 0.10$ | $0.80\pm 0.20$ | -              | $0.04\pm 0.02$ | $0.06\pm 0.01$ | $0.28\pm 0.28$ | $1.5\pm 0.5$ | 3    |
| SR9  | $0.36\pm 0.10$ | $0.15\pm 0.05$ | $0.11\pm 0.03$ | $0.16\pm 0.05$ | $0.11\pm 0.03$ | $0.18\pm 0.11$ | $0.19\pm 0.10$ | $0.03\pm 0.00$ | $0.28\pm 0.28$ | $1.6\pm 0.4$ | 1    |
| SR10 | $0.16\pm 0.08$ | $0.04\pm 0.03$ | $0.01\pm 0.01$ | $0.23\pm 0.14$ | $0.78\pm 0.24$ | $1.3\pm 1.3$   | $0.09\pm 0.09$ | $0.06\pm 0.02$ | $0.16\pm 0.16$ | $2.9\pm 2.9$ | 1    |
| SR11 | $0.46\pm 0.15$ | $0.01\pm 0.01$ | $0.08\pm 0.03$ | -              | $0.13\pm 0.07$ | $0.02\pm 0.02$ | $0.15\pm 0.11$ | $0.04\pm 0.02$ | $1.0\pm 1.0$   | $1.9\pm 1.4$ | 3    |